



Connecticut Department of  
Energy & Environmental Protection  
Bureau of Water Protection & Land Reuse  
Inland Water Resources Division

## Request for Authorization Form for the General Permit for Water Resource Construction Activities

Please complete this form in accordance with the instructions (DEP-IWRD-REG-013) to ensure the proper handling of your request. Print or type unless otherwise noted. You must submit the fee along with this completed form.

CPPU USE ONLY

App #: \_\_\_\_\_

Doc #: \_\_\_\_\_

Check #: \_\_\_\_\_

Program: GP IWRD Construction Activities

### Part I: Request and Fee Type

Check the appropriate box identifying the request type.

☐ \$5000 [rev id] for each **Request for Authorization** for Section 3.(a)(1), (a)(2), (a)(3), (a)(4), (a)(5), (a)(6), or (a)(7) activities under the subject general permit, unless you qualify as one of the following:

☐ \$2500 [rev id] for any municipality

☐ \$2500 [rev id] for electronic filing\*

☐ \$2500 [rev id] for each **Request for Authorization** for Section 3.(a)(8) or 3.(a)(9) activities under the subject general permit, unless you qualify as one of the following:

☐ \$1250 [rev id] for any municipality

☐ \$1250 [rev id] for electronic filing\*

*\*In order to file electronically, ALL supporting documents under Part VII of this application must be submitted in an electronic format on a CD, along with this original completed application in hard copy.*

The request will not be processed without the fee. The fee shall be non-refundable and shall be paid by check or money order to the Department of Energy and Environmental Protection.

Town where site is located: Statewide

Brief Description of Project: Statewide Drainage Maintenance Activities

If there are any changes or corrections to your company/facility or individual name, mailing or billing address or contact information, please complete and submit the Request to Change Company/Individual Information to the address indicated on the form. For any other changes you must contact the specific program from which you hold a current DEEP license. If there is a change in ownership, please contact the Permit Assistance Office for questions concerning license transfers at 860-424-3003.

### Part III: Requestor Information

- *\*If a requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, requester's name shall be stated exactly as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at the Secretary of State's database (CONCORD). ([www.concord-sots.ct.gov/CONCORD/index.jsp](http://www.concord-sots.ct.gov/CONCORD/index.jsp))*
- *If a requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).*

**1. Requester Name:** Connecticut Department of Transportation

Mailing Address: See attached list

City/Town: See attached list

State: CT Zip Code:

Business Phone: See attached list

ext.:

Contact Person: See attached list

Phone: ext.

E-mail:

\*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject request. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

**a) Requester Type (check one):**

☐ individual ☐ federal agency ☒ state agency ☐ municipality ☐ tribal

☐ \*business entity (\*If a business entity complete i through iii):

i) check type: ☐ corporation ☐ limited liability company ☐ limited partnership

☐ limited liability partnership ☐ statutory trust ☐ Other: \_\_\_\_\_

ii) provide Secretary of the State business ID #: \_\_\_\_\_ This information can be accessed at database (CONCORD). ([www.concord-sots.ct.gov/CONCORD/index.jsp](http://www.concord-sots.ct.gov/CONCORD/index.jsp))

iii) ☐ Check here if you are NOT registered with the Secretary of State's office.

☐ Check here if any co-registrants. If so, attach additional sheet(s) with the required information as requested above.

**b) Requester's interest in property at which the proposed activity is to be located:**

☒ site owner ☐ option holder ☐ lessee ☐ easement holder ☐ operator

☐ other (specify): \_\_\_\_\_

**2. Billing contact, if different than the requester.**

Name:

Mailing Address:

City/Town:

State: Zip Code:

Business Phone:

ext.

Contact Person:

Title:

Email:

### Part III: Requestor Information (cont.)

#### District 1

Mailing Address: 1107 Cromwell Avenue

City/Town: Rocky Hill

State: CT

Zip Code:

Business Phone: 860 258-4500

ext.:

Contact Person	Discipline	Phone	E-mail
Ron Cormier (acting)	Maintenance	860 258-4601	<a href="mailto:ronald.cormier@ct.gov">ronald.cormier@ct.gov</a>

#### TOWNS:

Berlin	Bloomfield	Bristol	Cheshire	Cromwell
East Hartford	East Windsor	Ellington	Enfield	Glastonbury
Hartford	Manchester	Meriden	Middlefield	Middletown
New Britain	Newington	Plainville	Portland	Rocky Hill
Somers	Southington	South Windsor	Stafford	Tolland
Vernon	West Hartford	Wethersfield	Willington	Windsor
Windsor Locks	Wolcott			

### Part III: Requestor Information (cont.)

#### District 2

Mailing Address: 171 Salem Turnpike, PO BOX 1007

City/Town: Norwich

State: CT

Zip Code:

Business Phone: 860 823-3273

ext.:

Contact Person	Discipline	Phone	E-mail
Jeff Wilson	Maintenance	860 823-3222	<a href="mailto:Jeffrey.Wilson@ct.gov">Jeffrey.Wilson@ct.gov</a>

#### TOWNS:

Ashford	Bozrah	Brooklyn	Canterbury	Chaplin
Chester	Clinton	Colchester	Columbia	Eastford
East Haddam	East Hampton	East Lyme	Essex	Franklin
Griswold	Groton	Haddam	Hampton	Hebron
Killingly	Killingworth	Lebanon	Ledyard	Lisbon
Lyme	Mansfield	Marlborough	Montville	New London
North Stonington	Norwich	Old Lyme	Old Saybrook	Plainfield
Pomfret	Portland	Preston	Putnam	Salem
Deep River	Scotland	Sprague	Sterling	Stonington
Thompson	Voluntown	Waterford	Westbrook	Windham
Woodstock				

### Part III: Requestor Information (cont.)

#### District 3

Mailing Address: 140 Pond Lily Avenue

City/Town: New Haven

State: CT

Zip Code:

Business Phone: 860 389-3020

ext.:

Contact Person	Discipline	Phone	E-mail
Jack Yeomans	Maintenance	203 389-3020	<a href="mailto:jack.yeomans@ct.gov">jack.yeomans@ct.gov</a>

#### TOWNS:

Bethany	Branford	Bridgeport	Darien	East Haven	Easton
Fairfield	Greenwich	Hamden	Milford	Monroe	New Canaan
New Haven	North Branford	North Haven	Norwalk	Orange	Shelton
Stamford	Stratford	Trumbull	Wallingford	West Haven	Weston
Westport	Wilton	Woodbridge			

### Part III: Requestor Information (cont.)

#### District 4

Mailing Address: 359 South Main Street

City/Town: Thomaston

State: CT

Zip Code:

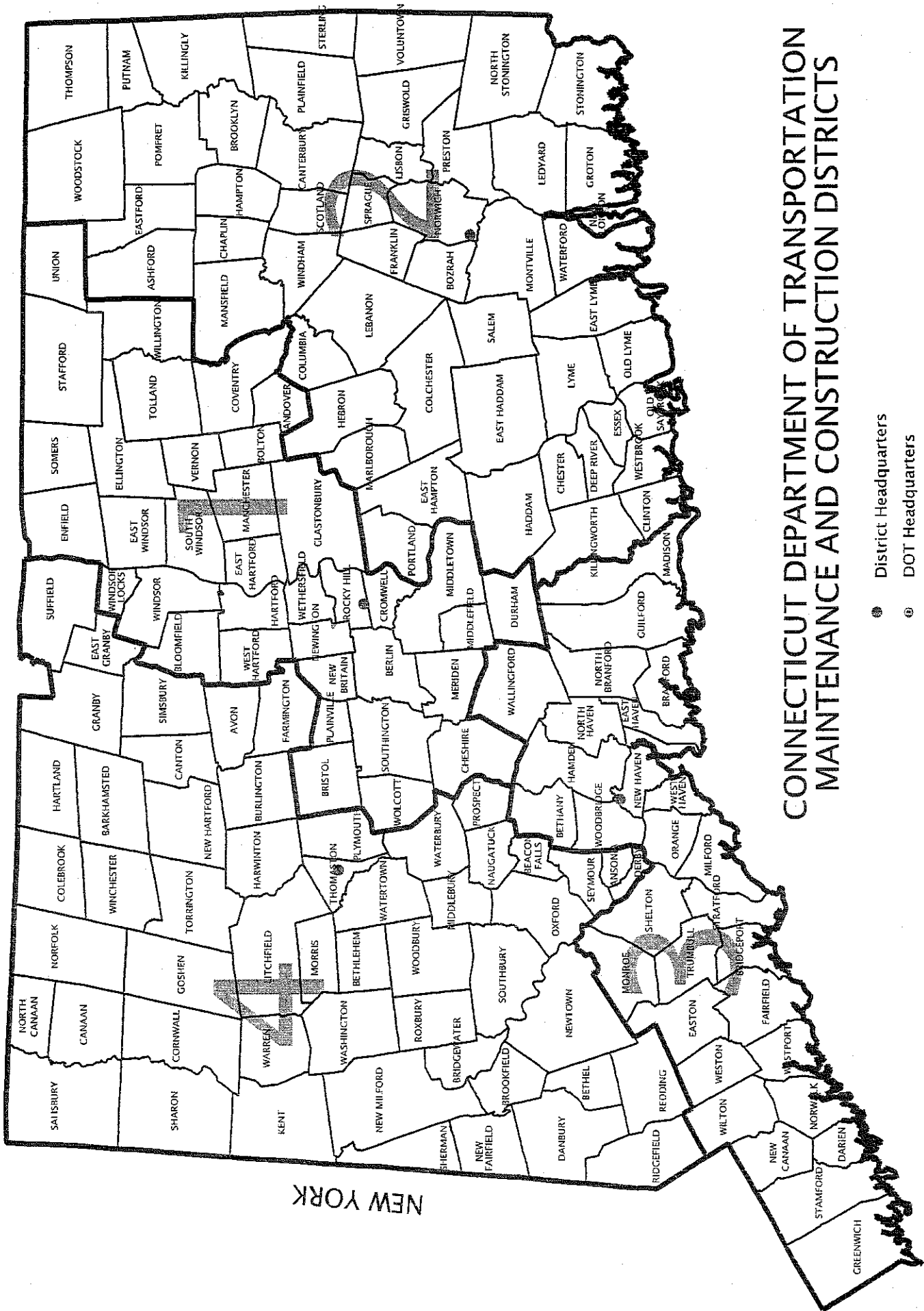
Business Phone: 860 585-2800

ext.:

Contact Person	Discipline	Phone	E-mail
Cosmo Ignoto	Maintenance	860 585-2796	<a href="mailto:Cosmo.Ignoto@ct.gov">Cosmo.Ignoto@ct.gov</a>

#### TOWNS:

Ansonia	Avon	Barkhamsted	Beacon Falls	Bethel	Bethlehem
Bridgewater	Brookfield	Burlington	Canaan	Canton	Colebrook
Cornwall	Danbury	Derby	East Granby	Farmington	Goshen
Granby	Hartland	Harwinton	Kent	Litchfield	Middlebury
Morris	Naugatuck	New Fairfield	New Hartford	New Milford	Newtown
Norfolk	North Canaan	Oxford	Plymouth	Prospect	Redding
Ridgefield	Roxbury	Salisbury	Seymour	Sharon	Sherman
Simsbury	Southbury	Suffield	Thomaston	Torrington	Warren
Washington	Waterbury	Watertown	Winchester	Woodbury	



CONNECTICUT DEPARTMENT OF TRANSPORTATION  
MAINTENANCE AND CONSTRUCTION DISTRICTS





**Part III: Requestor Information (continued)**

**3. Primary contact for departmental correspondence and inquiries, if different than the requester.**

Name: Robbin Cabelus, Transportation Planning Director

Mailing Address: 2800 Berlin Turnpike

City/Town: Newington

State: CT Zip Code: 06131-7546

Business Phone: 860 594-2051

ext.

Contact Person: Mark Alexander

Title: Transportation Assistant

Email: Mark. W. Alexander@ct.gov

Planning Director

\*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject request. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

**4. Attorney or other representative, if applicable:**

Firm Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Attorney:

Email:

**5. Site Owner, if different than the requester.**

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Contact Person:

Title:

Email:

**6. Engineer(s) or other consultant(s) employed or retained to assist in preparing the request or in designing or constructing the activity.**

Name: Connecticut Department of Transportation

Mailing Address: 2800 Berlin Turnpike

City/Town: Newington

State: CT

Zip Code: 06131-7546

Business Phone: 860 594-2945

ext.

Contact Person: Desmond Dickey

Title: Transportation Planner II

Email: d.paul.dickey@ct.gov

Service Provided: Permit Application Preparation

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

## Part IV: Site Information

### 1. SITE NAME AND LOCATION

Name of Site: Statewide

Street Address or Location Description: DOT Maintained State Roadway System

City/Town: See attached Part III

State:

Zip Code:

Requester Information

Tax Assessor's Reference: Map N/A

Block N/A

Lot N/A

Latitude and longitude of the exact location of the proposed activity in degrees, minutes, and seconds or in decimal degrees: Latitude: Longitude:

Method of determination (check one):

☐ GPS ☐ USGS Map ☐ Other (please specify):

If a USGS Map was used, provide the quadrangle name:

2. INDIAN LANDS: Is or will the facility be located on federally recognized Indian lands? ☐ Yes ☒ No

3. COASTAL BOUNDARY: Is the activity which is the subject of this registration located within the coastal boundary as delineated on DEEP approved coastal boundary maps? ☒ Yes ☐ No See attached

If yes, and this registration is for a new authorization, or a modification of an existing authorization where the physical footprint of the subject activity is modified, you must submit a Coastal Consistency Review Form (DEP-APP-004) with your registration as Attachment C.

Information on the coastal boundary is available at the local town hall or on the "Coastal Boundary Map" available at DEEP Maps and Publications (860-424-3555).

4. ENDANGERED OR THREATENED SPECIES: According to the most current "State and Federal Listed Species and Natural Communities Map", is the project site located within an area identified as a habitat for endangered, threatened or special concern species or located less than 1/2 mile upstream or downstream of such an area? ☒ Yes ☐ No Date of Map: See attached

If yes, complete and submit a Request for NDDB State Listed Species Review Form (DEP-APP-007) to the address specified on the form. Please note NDDB review generally takes 4 to 6 weeks and may require additional documentation from the registrant.

A copy of the completed Request for NDDB State Listed Species Review Form and the CT NDDB response *must* be submitted with this completed registration as Attachment D.

For more information visit the DEEP website at [www.ct.gov/dep/nddbrequests](http://www.ct.gov/dep/nddbrequests) or call the NDDB at 860-424-3011.

5. AQUIFER PROTECTION AREAS: Is the site located within a town required to establish Aquifer Protection Areas, as defined in section 22a-354a through 354bb of the General Statutes (CGS)?

☒ Yes ☐ No To view the applicable list of towns and maps visit the DEEP website at [www.ct.gov/deep/aquiferprotection](http://www.ct.gov/deep/aquiferprotection) See attached

If yes, is the site within an area identified on a Level A map? ☐ Yes ☐ No

If yes, is the site within an area identified on a Level B map? ☐ Yes ☐ No

If your site is on a Level A map, check the DEEP website, Business and Industry Information to determine if your activity is required to be registered under the Aquifer Protection Area Program.

If your site is on a Level B map, no action is required at this time, however you may be required to register under the Aquifer Protection Area Program in the future when the area is delineated as Level A.

**Part IV: Site Information # 1 – Site Location:** See attached Part III Requestor Information

**Part IV: Site Information # 3 - Coastal Boundary:**

Some of the activities which will be carried out under this Drainage Maintenance Plan may fall within those areas identified as within the coastal boundary or within the coastal area. Through the use of Best Management Practices, and due to the minor nature of these activities in areas immediately adjacent to the roadway, these activities are expected to be consistent with Coastal Area Management Regulations.

**Part IV: Site Information # 4 - Endangered Species:**

Some of the activities, which will be carried out under this Drainage Maintenance Plan, may fall within those areas identified as habitat for endangered, threatened, or special concern species as identified on the State and Federal Listed Species and Natural Communities Map. Through the use of Best Management Practices regarding water, air and noise pollution control, and due to the minor nature of these activities in areas immediately adjacent to the roadway, it is expected that there will be no adverse effect on endangered, threatened or special concern species or their habitats.

**Part IV: Site Information # 5 – Aquifer Protection Areas:**

Some of the activities, which will be carried out under this Drainage Maintenance Plan, may fall within those areas identified as aquifer protection areas as identified on the Connecticut Aquifer Protection areas Map (4B of 8). Through the use of Best Management Practices regarding water, air and noise pollution control, and due to the minor nature of these activities in areas immediately adjacent to the roadway, it is expected that there will be no adverse effect on endangered, threatened or special concern species or their habitats.



## Part VI: Municipal Information

You must submit a complete copy of this completed request for authorization, including supporting documents, to the municipal wetlands agency, zoning commission, planning commission or combined planning and zoning commission, and conservation commission of each municipality which is or may be affected by the subject activity. Enter the names and address of the municipal agencies which were provided a complete copy of your request for authorization and the date such copy was submitted (Date of Service) and the Type of Service. **Note: For those activities not required to obtain approval from the commissioner, the activity may not be conducted sooner than sixty days after the date of service to the municipal agencies.**

1. Name: See attached Part III Requestor Information

Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Email:

Date of Service: June 12, 2012

Type of Service: ☐ First Class Mail ☐ Certified Mail ☐ Hand Delivery

2. Name:

Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Email:

Date of Service: June 12, 2012

Type of Service: ☐ First Class Mail ☐ Certified Mail ☐ Hand Delivery

3. Name:

Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Email:

Date of Service: June 12, 2012

Type of Service: ☐ First Class Mail ☐ Certified Mail ☐ Hand Delivery

4. Name:

Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Email:

Date of Service: June 12, 2012

Type of Service: ☐ First Class Mail ☐ Certified Mail ☐ Hand Delivery

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

**Part IV: Site Information (continued)**

6. **CONSERVATION OR PRESERVATION RESTRICTION:** Is the property subject to a conservation or preservation restriction? ☐ Yes ☒ No

If Yes, proof of written notice of this registration to the holder of such restriction or a letter from the holder of such restriction verifying that this registration is in compliance with the terms of the restriction, must be submitted as Attachment E.

**Part V: Construction Activity Details**

1. Proposed Date of Initiation of Activity: June 6, 2012
2. Anticipated Date of Completion: June 6, 2022
3. Name of the wetland or watercourse involved with or adjacent to the subject activity:  
State Wide
4. Is the subject activity within a watercourse or floodplain? ☐ Yes ☐ No See attached
5. Will the subject activity be within a FEMA floodway? ☐ Yes ☐ No See attached
6. If the project requires a Flood Management Certification for the subject activity, provide the Flood Management Certification Number: N/A
7. Disturbance to wetlands, watercourses and flood plains: See attached

Wetlands (acres): Not more than  
excavation:                      fill: 50 cubic yards total disturbance:                     

Floodplain (cubic yards): Not more than  
excavation:                      fill: 50 cubic yards net:                       
not greater than

Watercourse (linear feet): 50 feet in length

8. Describe the present and intended use(s) of the property at which the subject activity will be conducted and the reason for conducting or maintaining the activity.

Statewide Drainage Maintenance Activities

9. Describe all natural and manmade features impacted by the subject activity, including wetlands, watercourses, fish and wildlife habitat, floodplains, and structures and appurtenances thereto, and the impact of the subject activity on such features.

See attached sheet for additional information.

☒ Check here if additional sheets are necessary, and label and attach them to this sheet.

**Part V: Site Information # 4 - Activities Located in a Floodplain:**

Many of the activities, which will be performed under this Drainage Maintenance Plan, will occur within a regulated floodway, but the effects on the floodway are expected to either be positive, or have a negligible effect on the floodway. For instance, removal of sediment, brush and debris, and cleaning of drainage ways will aid in preventing flood hazards. Placement of rip-rap into scour holes to protect the integrity of structures will be to original grade only, and therefore will not adversely affect flood flows. Minor fills may occur during replacement of pipes, culverts or bridges, as stated under each activity. Fill will not be placed in floodplains which drain more than a square mile. In these instances, a separate application will be prepared to obtain Flood Management Certification.

**Part V: Site Information # 5 - Activities Located in a FEMA Floodway:**

Many of the activities, which will be performed under this Drainage Maintenance Plan, will occur within a regulated FEMA floodway, but the effects on the floodway are expected to either be positive, or have a negligible effect on the floodway. For instance, removal of sediment, brush and debris, and cleaning of drainage ways will aid in preventing flood hazards. Placement of rip-rap into scour holes to protect the integrity of structures will be to original grade only, and therefore will not adversely affect flood flows. Fill will not be placed in floodplains which drain more than a square mile. In these instances, a separate application will be prepared to obtain Flood Management Certification.

## **Part V: Construction Activity Details:**

The reason for conducting these activities is to properly maintain the roadway drainage system, prevent flooding of and damage to the roadway structure, thus ensuring the safety of the traveling public.

Activities, which will be performed under this General Drainage System Maintenance Plan, include:

- 1. Excavation of accumulated sediment or removal of brush or debris from within 50 feet of the inlet and outlet sides of a drainage pipe, culvert or bridge within the DOT Drainage Right-of-Way.***

Where deemed necessary by the District Drainage Engineer, accumulated sediment, brush and / or debris shall be removed from within 50 feet of the inlet and outlet sides of a drainage pipe, culvert or bridge to alleviate or prevent potential flooding situations and/or to allow for the flow of water as was designed for the area. Sediment, brush or debris may be removed by hand, or with equipment, as necessary, with minimal disruption to the watercourse or drainage way and to prevent degradation of downstream wetland areas. When equipment is deemed necessary for sediment, brush or debris removal, the equipment shall be located as to minimize impacts to the waterway. Sediment and debris from these activities will be disposed of at a DOT approved upland disposal site. Best Management Practices shall be implemented to minimize sedimentation downstream during such operations. In those cases where the structure has been designed to carry a low flow channel, accumulated sediment/substrate material will not be removed from the low flow channel in order to maintain a natural substrate for Fisheries. Only brush or debris which is impeding flow in the culvert or channel will be removed. This activity includes the removal of beaver dams. All beaver dam removals will be coordinated with DOT's Office of Environmental Planning.

- 2. Cleaning or Reshaping of a man-made drainage way or sediment basin;***

Cleaning or reshaping to original grades of a man-made drainage way or sediment basin to allow for the proper drainage of the roadway shall be undertaken where deemed necessary by the District Drainage Engineer. This work shall be done by hand, or with the aid of equipment as necessary, and shall implement Best Management Practices to minimize impacts downstream.



**3. *Installation or repair of a culvert or bridge end wall;***

*Installation* - All walls and endwalls will be built in the locations indicated or directed by the District Drainage Engineer. Construction methods shall be in accordance with the detailed requirements prescribed (See attached typical plan). Foundations will be excavated to the depths shown on the plan, unless directed by the District Engineer. Endwalls will be built in the location and to the dimensions shown on the plans or as directed. Pipes will extend to the exposed face of the end wall and the end shall be finished to provide neat, watertight joints. The ends of pipe culverts, which enter endwalls on a skew, shall be cut to the angle of the skew.

*Repair* - Culvert or Bridge endwalls in need of repair, including spalling, repointing and regrouting shall be done in a manner which minimizes impacts to the waterway, and prevents debris from entering the water.

In cases where the endwall has separated from the pipe, necessary repairs or replacement shall be made as determined by the District Engineer.

**4. *Repair of Erosion Damage (Repair of Riprap Areas);***

Material for this item shall consist of sound, tough and angular rock free from decomposed stone or other defects impairing its durability. Broken concrete or rounded stones are not to be used.

The area to be protected by riprap shall be accurately shaped prior to placing of any bedding material or riprap. Where bedding material is called for, it shall be placed on the prepared area and compacted to the depth, lines and grades indicated on the plans or as directed by the District Drainage Engineer. In perennial streams, parent material from the area to be protected shall be placed over the riprap for a depth of 6 inches.

The riprap shall be placed to its full course thickness in one operation in such a manner as to produce a reasonably well-graded mass of rock without causing displacement of the underlying material. The finished surface shall be free from pockets of small stones and clusters of larger stones. Placing this material by methods likely to cause segregation of the various sizes of stone will not be permitted. Rearranging of individual stones by mechanical or hand methods will be required to the extent necessary to obtain a reasonably well-graded distribution of the specified stone sizes. The complete course shall be of the specified thickness and to the lines and grades as shown on the plans or as ordered by the District Drainage Engineer. This material shall conform to specifications in the State of Connecticut DOT form 816 section M.12.02 Riprap.

Areas of riprap at pipe or culvert outlets shall be kept to a minimum to provide less disruptions to existing waterways. A general rule of the size would be 15 feet in length and the pipe diameter size plus 4 feet in width at the outlet end of the pipe.

Ditches that curve or bend away from a direct flow by 60 degrees or greater shall be riprapped on the opposite bank to prevent erosion. Riprap shall be used to protect foundations of piers, abutments, walls, slopes of embankments and waterways from water damage. Placement of riprap shall not exceed 50 cubic yards into wetlands or watercourses, and shall be to original grade only.

**5. *Repair of a drainage pipe, culvert or bridge.***

Repairs to drainage pipes, culverts or bridges will be carried out as deemed necessary by the District Drainage Engineer. Repairs to drainage pipes may include sleeving a new pipe inside of a failed drainage pipe or removing a failed section of pipe, replacing that section, and joining the new section with the existing pipe. No sleeving of cross culverts carrying a watercourse will be allowed under this authorization. Minor excavation may be necessary to clear areas of sediment build-up due to pipe separation or failure. Repairs to culvert or bridges may include spalling, repointing or regrouting of concrete, or repairs to joints within the structure. Work under this category may also include temporary fill, up to 50 cubic yards or the placement of crane mats, not to exceed 50 feet in length, within a wetland, specifically to access the piers or joints of structures to perform various steel and structural repairs on bridges, including but not limited to work similar in scope to; bearing repairs or replacement, beam end repairs, joint repairs and concrete repairs. All proposed work must be properly confined with appropriate debris shields. All impacts to wetlands will be minimized to those needed to access for repairs. The areas of impact will be restored upon completion of work. Temporary access roads will be in conformance with the 2002 E & S manual.

Repairs to culvert or bridges may include spalling, repointing or regrouting of concrete, or repairs to joints within the structure. All activities will be carried out in conformance with Best Management Practices to minimize impacts to the waterway.

**6. *Replacement of a culvert or bridge which receives drainage from a watershed of one square mile or less; provided any such activity is accomplished within 3 days or less and does not involve placement of more than 50 cubic yards of fill into wetlands or watercourses.***

Replacement of a culvert or Bridge, which meets the requirements, stated above, shall be undertaken as directed by the District Drainage Engineer, based on bridge safety inspections which reveal that replacement is warranted. Replacement shall consist of in-kind / in-place replacement, with neither the size or location of the structure changing significantly. Activities shall be conducted in accordance with Best Management Practices, minimizing any impacts to the surrounding waterway.

Only pipes and culverts draining less than one square mile will be maintained under this general permit application. Replacement of pipes, culverts or bridges draining one square mile or greater, will require Flood Management Certification and will be applied for separately. Note that the activities described in this section are the only activities in this request for authorization restricted to areas draining one square mile or less; the watershed sizes to the areas of the activities described in sections 1 – 5 above are unrestricted.



## Part VII: Supporting Documents

Check the applicable box below for each attachment being submitted with this request. When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name as indicated on this request. ***In order to file electronically, ALL supporting documents must be submitted in an electronic format on a CD with this original completed application in hard copy.***

- ☐ Attachment A: Location Map: A depiction, on an 8.5" x 11" copy of the relevant portion of the most recent version of the United States Geologic Survey topographic map (Scale 1:24,000), of the exact location of the property at which such activity will be conducted.
- ☐ Attachment B: Site plan pursuant Section 4(c) (2) (I) of the subject general permit.
- ☐ Attachment C: *Coastal Consistency Review Form* (DEP-APP-004), if applicable
- ☐ Attachment D: Copy of the completed *Request for NDDB State Listed Species Review Form* (DEP-APP-007) and the NDDB response, if applicable.
- ☐ Attachment E: Conservation or Preservation Restriction Information, if applicable.
- ☐ Attachment F: A copy of the Category 2 approval letter from the Army Corps of Engineers, or a copy of the Appendix 1A: Category 1 Certification Form filed with the US Army Corps of Engineers, if applicable.
- ☒ Attachment G: Drainage Maintenance Plan, Trail Maintenance Plan, Boat Launch Maintenance Plan, or Beach Maintenance Plan for Inland Beaches as defined in Section 2 of the subject general permit, if applicable.
- ☒ Attachment H: Other information provided by requester (list):

## Part VIII: Requester Certification

The requester and the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided. If the requester is the preparer, please mark N/A in the spaces provided for the preparer.

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I certify that this general permit request for authorization is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I understand that the subject activity is authorized only on or after the date the commissioner issues a written approval of registration with respect to such activity.

I certify that a complete copy of this request for authorization, including all documents attached thereto, was sent by regular or certified mail or was hand delivered to the municipal wetlands agency, zoning commission, planning commission or combined planning and zoning commission, and conservation commission of each municipality which is or may be affected by the subject activity.

I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

  
Signature of Requester

6-7-2012  
Date

Thomas J. Maziarz  
Name of Requester (print or type)

Bureau Chief  
Policy and Planning  
Title (if applicable)

  
Signature of Preparer (if different than above)

6/6/2012  
Date

Desmond Dickey  
Name of Preparer (print or type)

Transportation Planner II  
Title (if applicable)

☐ Check here if additional signatures are required. If so, please reproduce this sheet and attach signed copies to this sheet. You must include signatures of any person preparing any report or parts thereof required in this registration (i.e., professional engineers, surveyors, soil scientists, consultants, etc.)

Note: Please submit this completed Request for Authorization, Fee, and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT  
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION  
79 ELM STREET  
HARTFORD, CT 06106-5127

You must submit a complete copy of this completed request for authorization, including supporting documents, to the municipal wetlands agency, zoning commission, planning commission or combined planning and zoning commission, and conservation commission of each municipality which is or may be affected by the subject activity.

## ATTACHMENT G: Drainage Maintenance Plan

Sheet 506	Endwalls, Slope Paved Inlet Sand Outlets
Sheet 506A	Type "D-G" & "L" Endwalls
Sheet 506B	Endwalls, For Pipe Arch
Sheet 651A	Typical CCM Pipe Installations in Earth and Rock Slopes and Bedding for Culverts
Sheet 652A	Metal and Reinforced Concrete Culvert End
Sheet 803	Paved Ditch
Detail	Modified Riprap Slope Protection
Detail	Splash Pad Detail (Culvert End)







# GENERAL NOTES

1. ENDWALLS SHALL BE USED ONLY AT THE HEAD AND TAIL OF THE MAIN PIPE CASE TO PROVIDE A MEANS OF ACCESS TO THE MAIN PIPE CASE WITHIN THE CLEAR ZONE.

2. FOR ALL TYPE "D-G" ENDWALLS, THE ENDWALL SHALL BE CONSTRUCTED APPROXIMATELY ONE INCH BEYOND THE MAIN PIPE CASE.

3. ALL CONSTRUCTION DIMENSIONS ARE NOMINAL.

4. THE CONSTRUCTIVE TYPE "D-G" ENDWALLS SHALL BE USED TO PROVIDE A MEANS OF ACCESS TO THE MAIN PIPE CASE IN ORDER TO ALLOW THE ENDWALL BARS TO BE REMOVED FOR MAINTENANCE.

5. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

6. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

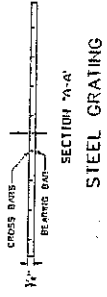
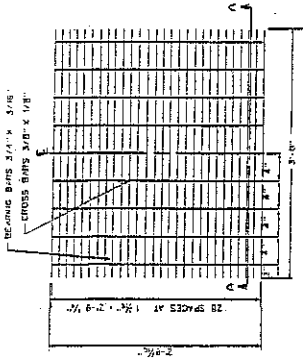
7. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

8. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

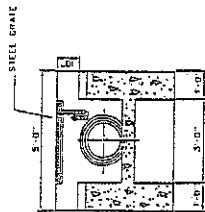
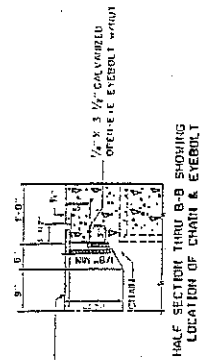
9. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

10. THE ENDWALL BARS SHALL BE REMOVED BY HAND AND NOT BY MEANS OF A JACK OR OTHER MEANS.

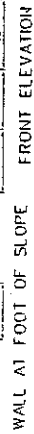
TYPE "D-G" ENDWALL		
PIPE DIAMETER (INCHES)	VOLUME (CU YD)	NO. OF BARS (21)
15	3.44	2.37
18	2.37	2.85
24	2.85	



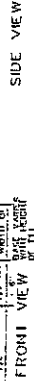
TYPE "D-G" ENDWALL



DIMENSIONS				
D	H	VAL	BATTERY	B
INS.	FT/INCHES	FT/INCHES	WHEELS	FT/INCHES
12"	4'-6"	2'-3"	2 1/2"	1'-0 1/2"
15"	4'-6"	2'-3"	3 1/2"	1'-0 1/2"
18"	4'-6"	3'-3"	2 1/2"	2'-0 1/2"
24"	5'-0"	4'-3"	3 1/2"	2'-0 1/2"
30"	5'-6"	5'-3"	3 1/2"	2'-3"
36"	6'-6"	6'-3"	3 1/2"	2'-3"
42"	7'-0"	7'-3"	3"	2'-7 1/2"
48"	7'-6"	8'-3"	3"	2'-10 1/2"

STANDARD ENDWALL FOR PIPE-ARCH

0-1 ALPHA TAIL 333 JO INCHES  
TOWARD JO TAIL JO  
WIRE 5 WITH STONE



TYPE "L" ENDWALL FOR PIPE-ARCH

[illegible]STANDARD WING TYPE ENDWALL FOR PIPE-ARCH  
END VIEW

**NOTE:**

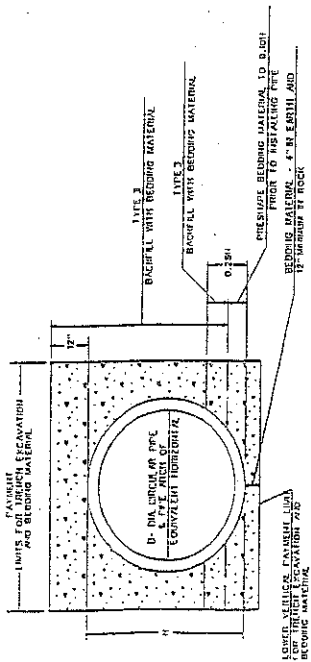
### HEIGHT OF TOWER

**NOTE:**

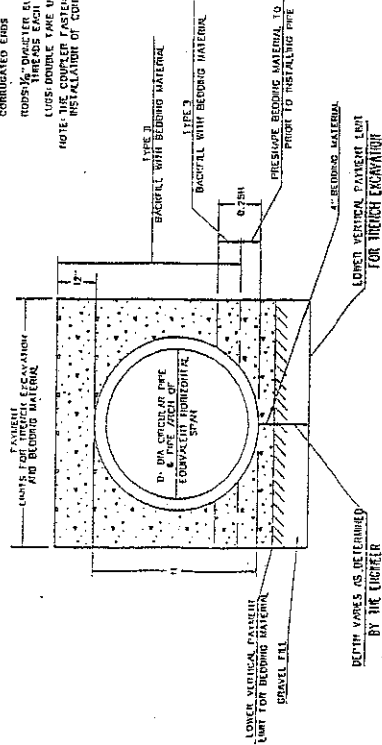
## ENDWALLS

1111  
 1111  
 1111  
 1111  
 1111

506-B

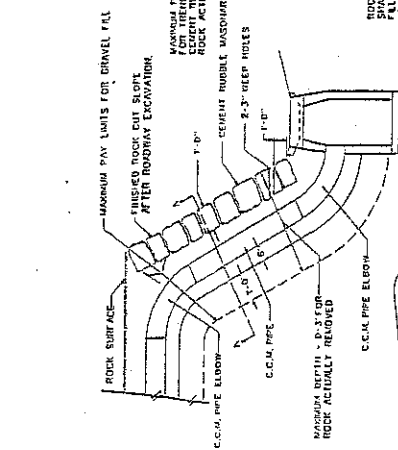


INSTALLATION WHERE GRAVEL FILL NOT USED



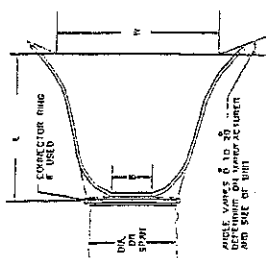
DEPTH VARIES AS DETERMINED BY THE CURVE

INSTALLATION WHERE GRAVEL FILL IS USED BEDDING FOR CULVERTS



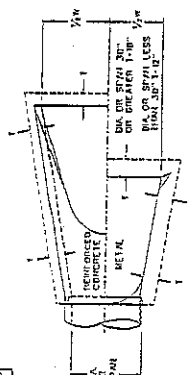
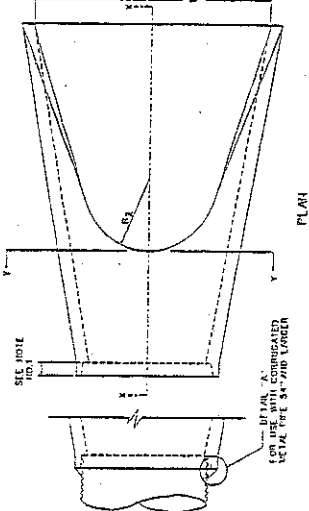
TYPICAL C.C.M. PIPE INSTALLATIONS IN ROCK SLOPE

TABLE "A"	HEIGHT
CONNECTOR RINGS	
TYPE	

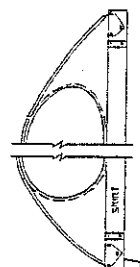


## NOTES

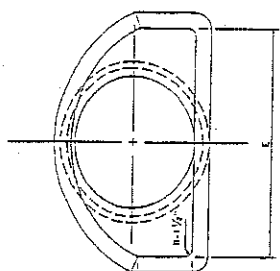
- 2/ JOINTS SHALL BE TIGHTENED AND GROOVE OR BELL END SPIGOT AS REQUIRED TO CONFORM TO PFT INSTALLED.



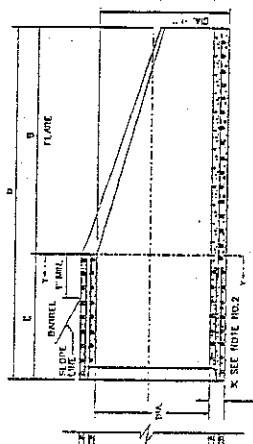
HORIZONTAL PAYMENT  
LIMITS FOR TRENCH  
EXCAVATION-CULVERT ENDS



## ACKNOWLEDGMENTS



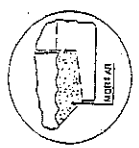
## ASIA ONLY



## SECTION X-X

DISBURSES FOR REFINISHED COMPOSITE CIVILIAN END									
MA	A	B	C	D	E	F	G	H	I
14	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
15	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
16	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
17	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
18	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
19	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
20	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
21	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
22	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
23	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
24	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
25	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
26	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
27	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
28	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
29	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
30	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
31	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
32	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
33	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
34	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
35	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
36	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
37	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
38	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
39	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
40	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
41	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
42	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
43	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
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55	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
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57	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
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63	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
64	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
65	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
66	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
67	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
68	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
69	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
70	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
71	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
72	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
73	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
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77	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
78	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
79	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
80	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
81	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
82	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
83	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
84	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
85	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
86	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
87	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
88	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
89	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
90	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
91	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
92	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
93	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
94	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
95	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
96	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
97	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
98	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
99	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5
100	2.0	2.0	5.0	2.0	1.5	1.5	1.5	1.5	1.5

REINFORCED CONCRETE CURVEFT FINI



DE LA "A"

[illegible]

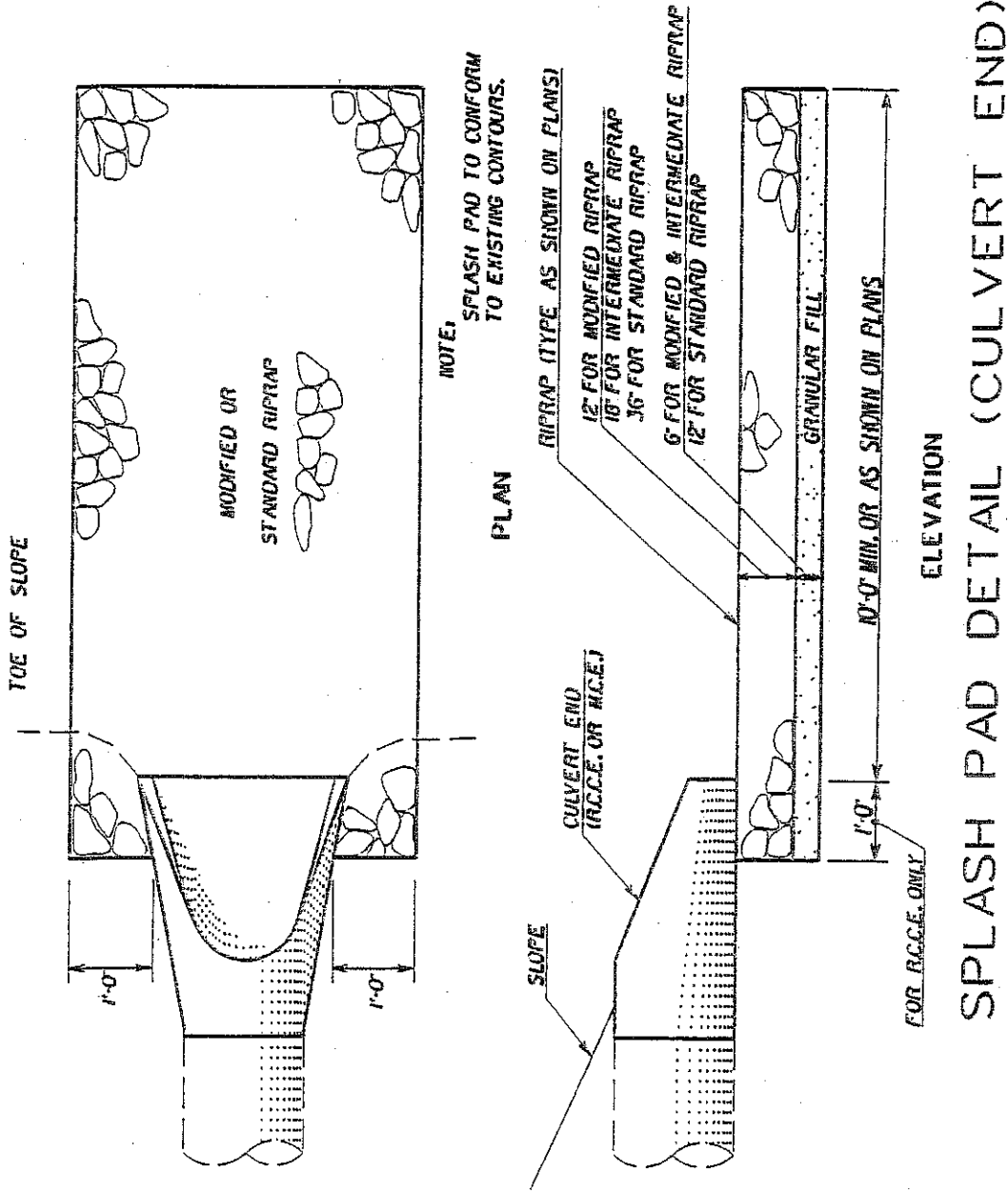
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12/2	11:00	10.0	10.0	10.0	10.0	10.0	10.0
12/3	11:30	10.0	10.0	10.0	10.0	10.0	10.0
12/4	12:00	10.0	10.0	10.0	10.0	10.0	10.0
12/5	12:30	10.0	10.0	10.0	10.0	10.0	10.0
12/6	13:00	10.0	10.0	10.0	10.0	10.0	10.0
12/7	13:30	10.0	10.0	10.0	10.0	10.0	10.0
12/8	14:00	10.0	10.0	10.0	10.0	10.0	10.0
12/9	14:30	10.0	10.0	10.0	10.0	10.0	10.0
12/10	15:00	10.0	10.0	10.0	10.0	10.0	10.0
12/11	15:30	10.0	10.0	10.0	10.0	10.0	10.0
12/12	16:00	10.0	10.0	10.0	10.0	10.0	10.0
12/13	16:30	10.0	10.0	10.0	10.0	10.0	10.0
12/14	17:00	10.0	10.0	10.0	10.0	10.0	10.0
12/15	17:30	10.0	10.0	10.0	10.0	10.0	10.0
12/16	18:00	10.0	10.0	10.0	10.0	10.0	10.0
12/17	18:30	10.0	10.0	10.0	10.0	10.0	10.0
12/18	19:00	10.0	10.0	10.0	10.0	10.0	10.0
12/19	19:30	10.0	10.0	10.0	10.0	10.0	10.0
12/20	20:00	10.0	10.0	10.0	10.0	10.0	10.0
12/21	20:30	10.0	10.0	10.0	10.0	10.0	10.0
12/22	21:00	10.0	10.0	10.0	10.0	10.0	10.0
12/23	21:30	10.0	10.0	10.0	10.0	10.0	10.0
12/24	22:00	10.0	10.0	10.0	10.0	10.0	10.0
12/25	22:30	10.0	10.0	10.0	10.0	10.0	10.0
12/26	23:00	10.0	10.0	10.0	10.0	10.0	10.0
12/27	23:30	10.0	10.0	10.0	10.0	10.0	10.0
12/28	24:00	10.0	10.0	10.0	10.0	10.0	10.0
12/29	24:30	10.0	10.0	10.0	10.0	10.0	10.0
12/30	25:00	10.0	10.0	10.0	10.0	10.0	10.0
12/31	25:30	10.0	10.0	10.0	10.0	10.0	10.0

METAL CURVERT END



WILLIAM H. WILSON  
JAMES H. WILSON  
JOHN H. WILSON  
JOSEPH H. WILSON  
LESLIE H. WILSON  
LUCAS H. WILSON  
MARTIN H. WILSON  
NATHAN H. WILSON  
OLIVER H. WILSON  
PETER H. WILSON  
SAMUEL H. WILSON  
THOMAS H. WILSON  
VICTOR H. WILSON  
WALTER H. WILSON  
WARREN H. WILSON  
WILLIAM H. WILSON

METAL &amp; REINFORCED CONCRETE CULVERT END



## **Attachment H**

- **Connecticut Department of Transportation, Form 816,  
Standard Specifications for Roads, Bridges, and Incidental Construction**

### **Section 1.10 Environmental Compliance Including: "Best Management Practices"**





## **Section 1.10 Environmental Compliance**

- 1.10.01—General**
- 1.10.02—Compliance With Laws and Regulations**
- 1.10.03—Water Pollution Control**
- 1.10.04—Air Quality Control**
- 1.10.05—Noise Pollution**
- 1.10.06—Protection of Archaeological and Paleontological Remains and Materials**
- 1.10.07—Controlled and Hazardous Materials**

**1.10.01—General:** This Section identifies those construction activities and other activities under the Department's control or jurisdiction which may have a negative effect on the environment, including the State's native waters and natural resources; and to prevent or minimize any damage to the environment which might result from such activities, either during or following the completion of any transportation Project.

The Contractor shall comply with all Project permits and permit applications as though the Contractor were the permittee. If at the time the permit is issued, its contents differ from those outlined in the application, the permit shall govern. Should the permit be issued after the solicitation of bid proposals, and should the permit requirements significantly change the character of the work as described in the proposals, Contract adjustments will be made in accordance with the applicable articles in Section 1.04.

This Section reinforces those environmental protection requirements which the Contractor is bound to meet under the Contract, or under Federal or State laws or regulations. If the Contractor fails to comply with environmental provisions of the Contract or the law, the Contractor shall be penalized as prescribed in this Section and elsewhere in the Contract.

**1.10.02—Compliance With Laws and Regulations:** The Contractor shall conduct its operations in conformance with Federal and State permit requirements concerning water, air and noise pollution, and the disposal of controlled or hazardous materials. Permit requirements include, but are not limited to, those established by Federal regulations administered by the United States Coast Guard, Army Corps of Engineers, or Environmental Protection Agency.

Appropriate permits shall be required for all activities associated with or incidental to the Contractor's operations, including, but not limited to, those regarding the Project site or adjacent areas, waste and disposal areas, borrow and gravel banks, storage areas, haul roads, access roads, detours, field offices, or any other temporary staging areas. The Contractor shall be responsible for, and hold the State harmless from, any penalties or fines which may be assessed by any authority due to the Contractor's failure to comply with any term of an applicable permit.

The Department will be responsible for obtaining all environmental permits required for Contract work.

Any request by the Contractor for authorization of activities or methods not specifically called for or allowed by the applicable permits issued for the Project must be submitted by the Contractor in writing to the Engineer. Such a request must include a detailed description of the proposed activities or methods, and must include justifications for same, along with supporting documentation, showing that the proposed activity or method will not create a risk of damage to the environment. If such request is granted by the Engineer, the Department will process an application to the appropriate regulatory agency or agencies for any permit amendment, modification, revision or new permit required for the Contractor to carry out the changed activities or methods in question. The Department does not, however, guarantee that it will be able to obtain the desired permit amendment, modification or revision; and the Department will not be liable for the effects of any inability to do so.

The Contractor will not be entitled to any extension of Contract time as a result of the Engineer's granting of the Contractor's request. If the amendment, modification, or revision of the permit is not necessary except to make possible the changes requested by the Contractor, then no claim may be made by the Contractor based on the amount of time taken by the Department to review the Contractor's proposal, or to apply for or secure the permit amendment, modification or revision. No such proposed additional activity shall commence, nor shall such a changed method be used, until and unless the Engineer approves in writing the Contractor's request.

In case of a failure by the Contractor to perform pollution control work as required by the Engineer, the Engineer may, after having given the Contractor 24 hours advance written notice of its intention to do so, arrange for said work to be performed by other forces, and will deduct the cost from any monies due or which may become due to the Contractor under the Contract or under any other State contract.

#### **1.10.03—Water Pollution Control:**

1. In relation to its Project work, the Contractor shall, throughout the duration of the Contract, control and abate siltation, sedimentation and pollution of all waters, including but not limited to underground water systems, inland wetlands, and tidal, coastal, or navigable waters. Construction methods proposed by the Contractor must conform to permit application and permit requirements. The Contractor shall assume responsibility for all obligations and costs incurred as a result of the Contractor's failure to comply with the terms and conditions of such applications or permits.

The Contractor shall obtain any permits and pay any fees required for the performance of Project work which is not in the original Contract and (i) which has been made necessary by a failure of the Contractor to comply with any Contract water pollution control requirement, (ii) which is proposed by the Contractor and accepted by the Engineer, (iii) which is to be performed outside the Project limits, (iv) which will involve or necessitate water-handling activities, including, but not limited to, the removal of material from, deposit of materials into, obstruction of, construction within, alteration or pollution of, any inland wetland, tidal wetland, coastal or navigable water, stream, pond, lake, water supply, other body of water or other regulated area.

2. Provisions of the best management practices may be superseded by specific permits from the D.E.P. The Contractor shall not make any design change in the Contract work which requires a variance from the requirements of the following items until and unless the Contractor has first submitted a detailed written proposal for such change to the Engineer for review by the Department and for transmittal to and review by the D.E.P, and has then received written approval from the Department of the proposed variance.

## **BEST MANAGEMENT PRACTICES**

1. No Project construction shall proceed until (i) the Contractor has submitted in writing to the Engineer its erosion and sedimentation control plans for all Project construction; (ii) the Engineer has given in writing his approval of said plans; and (iii) the Contractor has installed all erosion and sedimentation controls called for by said plans approved by the Engineer. Such plans shall be consistent with the Connecticut Council on Soil & Water Conservation's "Connecticut Guidelines for Soil Erosion and Sediment Control" (which is available from the D.E.P.) and with the version of the Department's "On Site Mitigation for Construction Activities" which is in effect at the time that Contract bid proposals are solicited.
2. Fueling of equipment or machinery within 25 feet (8 m) of any wetland or watercourse shall be allowed only with the advance written approval of the Engineer.
3. No Project construction shall proceed unless and until a written proposal of methods to prevent construction debris, paint, spent blast materials, or other materials from entering any wetland or watercourse has been submitted by the Contractor and approved by the Engineer in writing; and until such methods have been implemented as the Engineer directs. Such materials shall be collected and disposed of in accordance with all applicable Federal and State laws and regulations. The Engineer may order the Contractor to cease such activity if, in the opinion of the Engineer, weather conditions threaten to cause the deposit of such materials into a wetland or watercourse.
4. No materials resulting from Project construction activities shall be placed in or allowed to contribute to the degradation of a wetland or watercourse. Disposal of any material shall be in accordance with Federal and State laws and regulations.
5. Fording of streams with equipment shall be prohibited, except as approved by the Engineer. Such equipment travel shall be minimized. When frequent equipment travel on stream banks and beds is necessary, the Contractor shall place washed stone as and where necessary in order to minimize erosion, scour, and turbidity; but the Contractor must not do so in a way that will create a significant grade change in the wetland or watercourse.
6. All off-site disposal locations for material and debris resulting from Project construction shall be submitted in writing to the Engineer in advance of their use, and the Engineer shall determine if they are acceptable. The Contractor shall ensure that such locations are outside of wetlands or watercourses, floodplains and stream channel encroachment lines, unless otherwise approved by local, state, or Federal agencies with jurisdiction over the matter. Copies of such approvals shall be kept at the Project site by the Engineer in the environmental inspection folder.

Furthermore, the Contractor shall ensure that material from the Project is not placed within an area that has a better water quality classification than does the area from which it was taken, as indicated by the latest D.E.P. Water Quality Classifications Maps. Any proposed location for disposal of material within a State right-of-way must also be submitted in advance by the Contractor in writing to the Engineer for subsequent review and approval by the Office of Environmental Planning and the Office of Engineering.

7. A construction-sequencing plan and a water-handling plan, including a contingency plan for flood events, must be submitted by the Contractor in writing to the Engineer, and approved by the Engineer, prior to the commencement of any Project construction in a waterway. Water shall be kept deep enough in the channel to allow for the passage of fish and the continuous flow of the watercourse unless the Engineer directs otherwise. Any revised version of the water-handling plan must be capable of accommodating a two-year storm. Any water-handling system that may be in place longer than 6 months must be designed in accordance with the Department's Drainage Manual.
8. When dewatering is necessary, pumps used for same shall not be allowed to discharge directly into a wetland or watercourse. Prior to any dewatering, the Contractor must submit to the Engineer a written proposal for specific methods and devices to be used for same, and must obtain the Engineer's written approval of such methods and devices, including, but not limited to, the pumping of water into a temporary sedimentation basin, providing surge protection at the inlet or outlet of pumps, floating the intake of a pump, or any other method for minimizing and retaining the suspended solids. If the Engineer determines that a pumping operation is causing turbidity problems, the Contractor shall halt said operation until a means of controlling the turbidity is submitted by the Contractor in writing to the Engineer, approved in writing by the Engineer and implemented by the Contractor.
9. Work within or adjacent to watercourses shall be conducted during periods of low flow, whenever possible. The Engineer shall remain aware of flow conditions during the conduct of such work, and shall order such work stopped if flow conditions threaten to cause excessive erosion, siltation or turbidity. The Contractor shall make every effort to secure the work site before predicted major storms. A major storm shall be defined as a storm predicted by NOAA Weather Service with warnings of flooding, severe thunderstorms, or similarly severe weather conditions or effects. Unless allowed by a D.E.P. permit, no materials shall be stored and no staging areas shall be placed below the 100-year elevation. Materials which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, and any other materials that could be injurious to human, animal or plant life in the event of a flood shall not be stored below the 500-year flood level.
10. All temporary fill shall be stabilized to prevent erosion and shall be contained so as to prevent sediment or other particulate matter from entering a wetland or watercourse. All areas affected by temporary fills must be restored to their original contours or as directed by the Engineer, and vegetated. Temporary fill shall be placed and excavation shall occur only as and where necessary for Project

construction, as determined by the Engineer.

11. The Contractor shall perform seeding within 7 days of reaching an appropriate grading increment, as determined by the Engineer. If the Engineer directs the Contractor, or if the Contractor intends, that a grading operation will be suspended for a period of 30 or more consecutive days, the Contractor shall, within the first 7 days of that period, accomplish required seeding, or take such other measures to stabilize the soil as may be required by the Engineer.
12. Dumping of oil, chemicals or other deleterious materials on the ground or into a watercourse is forbidden. The Contractor shall provide a means of catching, retaining, and properly disposing of drained oil, removed oil filters, and other deleterious material. The Contractor shall immediately report all spills of such materials to the Engineer and the D.E.P.
13. All application of herbicides or pesticides within 25 feet (8 m) of any wetland or watercourse is prohibited. All permitted applications of such materials must be done by a Connecticut-licensed applicator. The Contractor shall submit in writing to the Engineer the proposed applicator's name and license number, and must receive the Engineer's approval of the proposed applicator, before such application may be performed.
14. During spawning seasons and in spawning areas, as defined in the Contract, discharges and construction activities shall be restricted so as not to disturb or inhibit aquatic species indigenous to the waters.

3. If the Contractor wants to make a change in construction operations or scheduling which would affect the use of or necessity for any pollution controls, the Contractor must submit before beginning to implement those changes a written proposal detailing them to the Engineer, and must receive the Engineer's approval of those changes before beginning to make them. Such submission must include a plan showing what erosion and sedimentation controls above and beyond those called for in the Contract would be necessitated by the proposed change.

4. The Contractor shall inspect erosion and sedimentation controls immediately after each rainfall of at least .1 inch (3 mm), and at least daily during prolonged rainfall. The Contractor shall maintain all erosion and sedimentation control devices in a functional condition, in accordance with the "Connecticut Guidelines for Soil Erosion and Sediment Control," as revised, and the Department's "On Site Mitigation for Construction Activities," as revised. In the event that the Contractor fails to maintain such devices in accordance with such documents, and the Contractor does not correct said failures within 24 hours after receipt of written notice of such failures from the Engineer, the Department may proceed with its own or other forces to remedy such failures. The cost to the Department of curing any such specified failure will be deducted from monies owed to the Contractor under the Contract or under any other State contract.

**1.10.04—Air Quality Control:** The Contractor shall exercise every reasonable precaution throughout the duration of the Contract to safeguard the air resources of the State by controlling and abating air pollution in accordance with the D.E.P.'s regulations. These measures shall include the control and abatement of dust, mist, smoke, vapor, gas, aerosol,

other particulate matter, odorous substances and any combination thereof arising from Project operations, hauling, storage, or manufacture of materials. The Contractor shall be responsible for obtaining any permits necessary for the operation of its Project equipment including but not limited to crushers, compressors and generators.

**1.10.05—Noise Pollution:** The Contractor shall take measures to control the noise caused by its construction operations, including but not limited to noise generated by equipment used for drilling, pile-driving, blasting, excavation or hauling.

All methods and devices employed to minimize noise shall be subject to the continuing approval of the Engineer. The maximum allowable level of noise at the residence or occupied building nearest to the Project site shall be 90 decibels on the "A" weighted scale (dBA). The Contractor shall halt any Project operation that violates this standard until the Contractor develops and implements a methodology that enables it to conduct its Project operations within the 90-dBA limit.

**1.10.06—Protection of Archaeological and Paleontological Remains and Materials:** The Contractor shall be alert to the possibility that, during the prosecution of the Project, significant archaeological or paleontological remains or other such materials may be uncovered. When archaeological or paleontological materials are uncovered, the Contractor shall immediately halt operations in the location of same and shall notify the Engineer of said discovery. The Contractor shall make every effort to preserve archaeological or paleontological materials intact in their original positions, in order to preserve the archaeological or paleontological nature and importance of such materials in relation to one another and to the enclosing soil.

The Engineer shall have the authority to suspend Project work in the area of such discovery for the purpose of preserving, documenting and recovering the archaeological or paleontological materials. The Contractor shall carry out all instructions of the Engineer for the protection of such materials, including steps to protect the site from vandalism and unauthorized investigations, from accidental damage and from dangers such as heavy rainfall or runoff. The Contractor shall reschedule its work to minimize any loss of the time needed to complete the Project while the State evaluates, records and salvages the archaeological or paleontological materials.

Extra work ordered by the Engineer in this connection will be paid for in accordance with Articles 1.04.05 and 1.09.04. Delays caused by archaeological or paleontological preservation and protection, which the Contractor demonstrates have delayed completion of the Project, will be treated under the provisions for extension of time, Article 1.08.08.

**1.10.07—Controlled and Hazardous Materials:** The Department will acquire any "Hazardous Waste Generator Permit(s)" required under the Resource Conservation and Recovery Act, for the management and disposal of hazardous materials on the Project site, provided that:

1. Such material is within the construction limits defined in the Contract,
2. Such material is not comprised of waste materials generated by the Contractor.

If the Department has designated in the Contract, an area of known or suspected contamination within the Project limits, the Contractor shall dispose of such material in accordance with the relevant special provisions.

In the event that the Contractor encounters or exposes any material, not previously known or suspected to be contaminated, but which exhibits properties that may indicate the presence of controlled or hazardous material, the Contractor shall cease all operations in the material's vicinity, and shall immediately notify the Engineer of the material's discovery. The presence of barrels, discolored earth, metal, wood, visible fumes or smoke, abnormal odors or excessively hot earth may indicate the presence of controlled or hazardous material, and shall be treated with extreme caution.

If controlled or hazardous materials, other than those required for Contract operations, are discovered at the Project site, the Department may engage a specialty contractor to handle and dispose of the materials.

When the Contractor performs support work incidental to the removal, treatment or disposal of controlled or hazardous material, the Department will pay for same at the applicable Contract unit prices. When the Contract does not include appropriate pay items, payment will be made in accordance with Article 1.04.05.

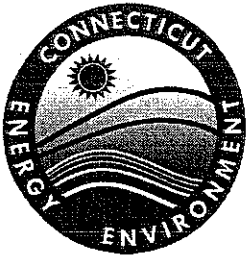
The Contractor shall observe all security precautions established pursuant to 29 CFR 1910.120 and 1926.65, including all revisions and amendments thereof, and shall not work in any area known to contain or suspected of containing controlled or hazardous material without prior written approval from the Engineer.

The Contractor shall assume sole responsibility for the proper storage, handling, management, and disposal of all regulated materials and wastes associated with its operations, including, but not limited to, lubricants, antifreeze, engine fluids, paints, and solvents. All costs associated with any failure by the Contractor to properly manage such materials in accordance with Federal and State regulations, and all remedial and punitive costs incurred by the Department as a result of such failure shall be borne by the Contractor.

This article does not apply to coatings removed by the Contractor.







Connecticut Department of  
Energy & Environmental Protection

CPPU USE ONLY

App #:

Doc #:

Check #:

## Permit Application Transmittal Form

Please complete this transmittal form in accordance with the instructions in order to ensure the proper handling of your application(s) and the associated fee(s). Print legibly or type.

### Part I: Applicant Information:

- \*If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, applicant's name shall be stated **exactly** as it is registered with the Secretary of State.
- If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

Applicant: **State of Connecticut Department of Transportation**

Mailing Address: **2800 Berlin Turnpike**

City/Town: **Newington**

State: **CT**

Zip Code: **06131**

Business Phone:

ext.:

Fax: **860 594-3028**

Contact Person: **Paul N. Corrente**

Phone: **860 594-2932** ext.

E-Mail: **paul.corrente@ct.gov**

Applicant (check one): ☐ individual ☐ \*business entity ☐ federal agency ☒ state agency ☐ municipality ☐ tribal

\*If a business entity, list type (e.g., corporation, limited partnership, etc.):

☐ Check if any co-applicants. If so, attach additional sheet(s) with the required information as supplied above.

Please provide the following information to be used for *billing purposes only*, if different:

Company/Individual Name:

Mailing Address:

City/Town:

State:

Zip Code:

Contact Person:

Phone:

ext.

### Part II: Project Information

Brief Description of Project: (Example: Development of a 50 slip marina on Long Island Sound)

**Statewide Drainage Maintenance Activities**

Location (City/Town): **Statewide**

Other Project Related Permits (not included with this form):

Permit Description	Issuing Authority	Submittal Date	Issuance Date	Denial Date	Permit #

# Part III: Individual Permit Application and Fee Information

New, Mod. or Renew	Individual Permit Applications	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
	<b>AIR EMISSIONS</b>				
	New Source Review	\$940.00			1 + 0
	Title V Operating Permits	none			1 + 0
	Title IV	none			1 + 0
	Clean Air Interstate Rule (CAIR)	none			1 + 0
	<b>WATER DISCHARGES</b>				
	To Groundwater	\$1300.00			1 + 1
	To Sanitary Sewer (POTW)	\$1300.00			1 + 1
	To Surface Water (NPDES)	\$1300.00			1 + 2
	<b>INLAND WATER RESOURCES-multiple permits 1 + 6 total copies</b>				
	Dam Construction	none			1 + 2
	Flood Management Certification	none			1 + 1
	Inland 401 Water Quality Certification	none			1 + 5
	Inland Wetlands and Watercourses	none			
	Stream Channel Encroachment Lines	★			1 + 5
	Water Diversion	★			
	<b>OFFICE OF LONG ISLAND SOUND PROGRAMS</b>				
	Certificate of Permission	\$375.00			1 + 3
	Coastal 401 Water Quality Certification	none			1 + 3
	Structures and Dredging/Tidal Wetlands	\$660.00			1 + 3
	<b>WASTE MANAGEMENT</b>				
	Aerial Pesticide Application	★			1 + 2
	Aquatic Pesticide Application	\$200.00			1 + 0
	CGS Section 22a-454 Waste Facilities	★			1 + 1
	Hazardous Waste Treatment, Storage and Disposal Facilities	★			1 + 1
	Marine Terminal License	\$125.00			1 + 0
	Stewardship	\$4000.00			1 + 1
	Solid Waste Facilities	★			1 + 1
	Waste Transportation	★			1 + 0
	Subtotal ➡				
	GENERAL PERMITS and AUTHORIZATIONS Subtotals Page 3 ➡				
	Enter subtotals from Part IV, pages 3 & 4 & 5 of this form Subtotals Page 4 ➡				
	Subtotals Page 5 ➡				
	TOTAL ➡				
	<input type="checkbox"/> Indicate whether municipal discount or state waiver applies. Less Applicable Discount ➡				Waiver
	AMOUNT REMITTED ➡				
Check # ➡	<input type="text"/>	Check or money order should be made payable to: "Department of Energy and Environmental Protection"			

★ See fee schedule on individual application.

**Part IV: General Permit Registrations and Requests for Other Authorizations**  
**Application and Fee Information**

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fees	Original + Required Copies
<b>AIR EMISSIONS</b>				
<input type="checkbox"/> Limit Potential to Emit from Major Stationary Sources of Air Pollution	\$2760.00			1 + 0
<input type="checkbox"/> Ionizing Radiation Registration	\$200.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
<b>WATER DISCHARGES</b>				
<input type="checkbox"/> Domestic Sewage	\$500.00			1 + 0
<input type="checkbox"/> Food Processing Wastewater	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Sanitary Sewer	\$500.00			1 + 0
<input type="checkbox"/> Groundwater Remediation Wastewater to a Surface Water Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1250.00			
<input type="checkbox"/> Hydrostatic Pressure Testing Wastewater Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP (natural gas pipelines)	\$1250.00			
<input type="checkbox"/> Miscellaneous Discharges of Sewer Compatible Wastewater Flow < 5,000 gpd and fire sprinkler system testwater	\$625.00			1 + 1
<input type="checkbox"/> Flow > 5,000 gpd	\$1250.00			
<input type="checkbox"/> Non-Contact Cooling and Heat Pump Water (Minor)	\$625.00			1 + 1
<input type="checkbox"/> Photographic Processing Wastewater (Minor)	\$100.00			1 + 0
<input type="checkbox"/> Printing & Publishing Wastewater (Minor) Flow < 40 gpd	\$500.00 \$100.00			1 + 0
<input type="checkbox"/> Stormwater Associated with Commercial Activities	\$500.00			1 + 0
<input type="checkbox"/> Stormwater Associated with Industrial Activities <500 employees—see general permit for additional requirements	\$500.00			1 + 0
<input type="checkbox"/> >500 employees—see general permit for additional requirements	\$1000.00			
<input type="checkbox"/> Stormwater & Dewatering Wastewaters-Construction Activities 5 – 10 acres	\$625.00			1 + 0
<input type="checkbox"/> > 10 acres	\$1250.00			
<input type="checkbox"/> Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)	\$250.00			1 + 0
<input type="checkbox"/> Swimming Pool Wastewater - Public Pools and Contractors	\$500.00			1 + 0
<input type="checkbox"/> Tumbling or Cleaning of Parts Wastewater (Minor)	\$1000.00			1 + 1
<input type="checkbox"/> Vehicle Maintenance Wastewater Registration Only	\$625.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1250.00			
<input type="checkbox"/> Water Treatment Wastewater	\$625.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to POTW	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Surface Water	\$1500.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization - Discharge to Groundwater	\$1500.00			1 + 0
<input type="checkbox"/> Other, (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal		

★ ★ Contact the specific permit program for this information (Contact numbers are provided in the instructions).

# Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
<b>AQUIFER PROTECTION PROGRAM</b>				
<input type="checkbox"/> Registration for Regulated Activities	\$625.00			1 + 0
<input type="checkbox"/> Permit Application to Add a Regulated Activity	\$1250.00			1 + 0
<input type="checkbox"/> Exemption Application from Registration	\$1250.00			1 + 0
<b>INLAND WATER RESOURCES</b>				
<input type="checkbox"/> Dam Safety Repair and Alteration	\$1000.00			1 + 2
<input type="checkbox"/> Diversion of Water for Consumptive Use: Reauthorization Categories	\$1000.00			1 + 2
<input type="checkbox"/> Diversion of Water for Consumptive Use: Authorization Required	\$2500.00			1 + 5
<input type="checkbox"/> Diversion of Water for Consumptive Use: Filing Only	\$1500.00			1 + 4
<input type="checkbox"/> Habitat Conservation	\$1000.00			1 + 2
<input type="checkbox"/> Lake, Pond and Basin Dredging	\$1000.00			1 + 2
<input type="checkbox"/> Minor Grading	\$1000.00			1 + 2
<input type="checkbox"/> Minor Structures	\$1000.00			1 + 2
<input checked="" type="checkbox"/> Utilities and Drainage	\$1000.00	1	Waiver	1 + 2
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
<b>OFFICE OF LONG ISLAND SOUND PROGRAMS</b>				
<input type="checkbox"/> 4/40 Docks	\$700.00			1 + 1
<input type="checkbox"/> Beach Grading	\$100.00			1 + 1
<input type="checkbox"/> Coastal Remedial Activities Required by Order	\$700.00			1 + 1
<input type="checkbox"/> Dock Reconstruction	\$300.00			1 + 1
<input type="checkbox"/> Marina and Mooring Field Reconfiguration	\$700.00			1 + 1
<input type="checkbox"/> Non-harbor Moorings	\$100.00			1 + 1
<input type="checkbox"/> Osprey Platforms and Perch Poles	none			1 + 1
<input type="checkbox"/> Pump-out Facilities (no fee for Clean Vessel Act grant recipients)	\$100.00			1 + 1
<input type="checkbox"/> Removal of Derelict Structures	\$100.00			1 + 1
<input type="checkbox"/> Residential Flood Hazard Mitigation	\$100.00			1 + 1
<input type="checkbox"/> Swim Floats	\$100.00			1 + 1
<input type="checkbox"/> Emergency/Temporary Authorization	★ ★			★ ★
<input type="checkbox"/> Other, (please specify):				
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal		

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.

# Part IV: General Permit Registrations and Requests for Other Authorizations (continued)

✓ General Permits and Other Authorizations	Initial Fees	No. of Permits Applied For	Total Initial Fee	Original + Required Copies
<b>WASTE MANAGEMENT</b>				
<input type="checkbox"/> Addition of Grass Clippings at Registered Leaf Composting Facilities	\$500.00			1 + 0
<input type="checkbox"/> Asbestos Disposal Authorization	\$300.00			1 + 0
Certain Recycling Facilities				
<input type="checkbox"/> Drop-site Recycling Facility	\$200.00			1 + 0
<input type="checkbox"/> Limited Processing Recycling Facility	\$500.00			1 + 0
<input type="checkbox"/> Recyclables Transfer Facility	\$500.00			1 + 0
<input type="checkbox"/> Single Item Recycling Facility	\$500.00			1 + 0
Contaminated Soil and/or Staging Management (Staging/Transfer)				
<input type="checkbox"/> Registration Only	\$250.00			1 + 0
<input type="checkbox"/> Approval of Registration by DEP	\$1500.00			1 + 0
<input type="checkbox"/> Connecticut Solid Waste Demonstration Project	\$1000.00			1 + 0
<input type="checkbox"/> Disassembling Used Electronics	\$400.00			1 + 0
<input type="checkbox"/> Leaf Composting Facility	none			1 + 1
<input type="checkbox"/> Municipal Transfer Station	\$800.00			1 + 1
<input type="checkbox"/> One Day Collection of Certain Wastes and Household Hazardous Waste	\$1000.00			1 + 0
<input type="checkbox"/> Special Waste Authorization	\$660.00			1 + 0
<input type="checkbox"/> Storage and Distribution of Two (2) Inch Nominal Tire Chip Aggregate	\$500.00			1 + 0
<input type="checkbox"/> Storage and Processing of Asphalt Roofing Shingle Waste and/or Storage and Distribution of Ground Asphalt Aggregate	★			1 + 0
<input type="checkbox"/> Storage and Processing of Scrap Tires for Beneficial Use	\$1000.00			1 + 0
<input type="checkbox"/> Emergency/Temporary Authorization	★★			★★
<input type="checkbox"/> Other, (please specify):				
<b>REMEDIATION</b>				
<input type="checkbox"/> In Situ Groundwater Remediation: Enhance Aerobic Biodegradation	★			1 + 2
Note: Carry subtotals over to Part III, page 2 of this form.		Subtotal		

★ See fee schedule on registration/application.

★★ Contact the specific permit program for this information.

The Department of Energy and Environmental Protection is an affirmative action/equal opportunity employer and service provider. In conformance with the Americans with Disabilities Act, DEEP makes every effort to provide equally effective services for persons with disabilities. Individuals with disabilities who need this information in an alternative format, to allow them to benefit and/or participate in the agency's programs and services, should call 860-424-3035 or e-mail the ADA Coordinator at [DEP.aao@ct.gov](mailto:DEP.aao@ct.gov). Persons who are hearing impaired should call the State of Connecticut relay number 711.

